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The Pacific environment, sustaining our livelihoods and natural heritage in harmony with our cultures.

Twenty Seventh SPREP Meeting of Officials

Alofi, Niue

19 – 21 September 2016

Agenda Item 9.4.3: Environmental monitoring data collation support services

Purpose

1. To provide an update on environmental monitoring data support services provided by SPREP to Members and to seek endorsement for continued environmental monitoring data support services

Background

2. SPREP has provided support to Members in collating, storing and accessing national and regional environmental monitoring data through the following platforms:
 - a. Regional environmental resources – the Pacific Environmental Information Network (PEIN) and online information resources catalogue, <https://www.sprep.org/pacific-environment-information-network/pein>;
 - b. Spatial planning – the Environmental Spatial Information Services (ESIS) online spatial database and mapping service, <http://gis.sprep.org/>;
 - c. Pacific Islands Protected Areas Portal (PIPAP) and embedded protected areas data and tracking tool, <https://www.sprep.org/pipap/pipap-home>;
 - d. BIOPAMA RISS database integrated into PIPAP on Biodiversity and Protected Areas management, <http://pipap.sprep.org/>
 - e. Threatened species monitoring – the Turtle Research and Monitoring Database System (TREDs), <https://www.sprep.org/thetreds>;
 - f. Pacific Climate Change information – the Pacific Climate Change Portal (PCCP), <http://www.pacificclimatechange.net/>
 - g. In house databases available off line:
 - i. National Minimum Development Indicators – NMDI SPREP
 - ii. Waste management and pollution control - Asbestos and purse seiner vessel marine pollution databases
 - iii. Alien Invasive Species eradication
3. The data management services provided through the various platforms have been coordinated and delivered through a number of staff across all Divisions with technical support from both in-house information technology specialists and partner organisations.

Issues and Proposed Approach for continuation of environmental data management support services

4. At the 23rd SPREP Meeting, held in 2012 in Noumea, Members called for the “... *development of an environmental monitoring and reporting framework, including a common database developed to support reporting and management ...*”. This allowed EMG and BEM Divisions under the 2011-2015 Strategic Plan to develop ESIS and PIPAP which were launched in 2014.
5. The environmental monitoring data management support services provided by SPREP assists Members in capturing progress towards achieving national, regional and international targets set out in various international agreements such as the CBD, UNFCCC and many other MEAs as well as the SDGs and Samoa Pathway.
6. In relation to environmental spatial data and protected areas data, EMG Division intends to continue to offer this support in collaboration with relevant expertise from other Divisions. This includes:
 - i. to support the development of National State of the Environment Reports, and National Environmental Management Strategies;
 - ii. to provide updates on national protected area commitments;
 - iii. to improve access to spatial data and mapping information; and
 - iv. to facilitate SPREP's decision-support services to Members as regards environmental monitoring and management.

Recommendation

7. The Meeting is invited to:
 - **note** the environmental data management services provided to Members through the various platforms noted above;
 - **endorse** SPREP's efforts to continue working with Members to collate, store and manage environmental data; and
 - **undertake** to facilitate, through appropriate data-sharing agreements, access to data in order to determine baseline information and to allow for updating of currently held data